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#### ELEVATOR SYSTEM ON TALLEST BUILDING

Modern engineering will again triumph when the Empire State Building is completed. This mightiest of all structures will pass the Woolworth, Manhattan Bank, and Chrysler Buildings, and even shove the great Eiffel Tower into second place when it rears its tons of stone and steel 1245 feet into the sky.

One of the most difficult tasks for its engineers was to work out the extensive elevator system. All the cars will embody the very latest improvements. They start and stop automatically and the doors will open by themselves. This will save much of the time that will be required to reach the upper stories. There will be the amazing total of 68 passenger and freight elevators which will serve intervening floors from the basement to the eighty-fifth story. The elevators will travel at the rate of 700 feet per minute, since faster speeds are prohibited by law. An arrangement for future speeds as high as 1,200 feet per minute are included in the event that city laws will be changed.

—*National Engineer.*